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<u> 2002</u>

Attorney Docket No.: 15270J-004750US

Client Reference No.: 209-US-CIP8

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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of:

DALE B. SCHENK

Application No.: 09/580,015

Filed: May 26, 2000

For: PREVENTION AND TREATMENT

OF AMYLOIDOGENIC DISEASE

Examiner: Turner, Sharon

Art Unit: 1647

SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT UNDER 37

CFR §1.97 and §1.98

Assistant Commissioner for Patents Washington, D.C. 20231

Sir:

The references cited on attached PTO/SB/08A and PTO/SB/08B forms are being called to the attention of the Examiner. Copies of the references are enclosed. It is respectfully requested that the cited references be expressly considered during the prosecution of this application, and the references be made of record therein and appear among the "references cited" on any patent to issue therefrom.

As provided for by 37 CFR 1.97(g) and (h), no representation is being made that a search has been conducted or that this statement encompasses all the possible relevant information, and no inference should be made that the information and references cited are, or are considered to be material to patentability because they are in this statement. No inference

Application No.: 09/580,015

Page 2

should be made that the information and references cited are prior art merely because they are in this statement.

Applicant believes that no fee is required for submission of this statement. However, if a fee is required, the Commissioner is authorized to deduct such fee from the undersigned's Deposit Account No. 20-1430. Please deduct any additional fees from, or credit any overpayment to, the above-noted Deposit Account.

Respectfully submitted,

uline 2 lelle Reg. No. 42,397

TOWNSEND and TOWNSEND and CREW LLP Two Embarcadero Center, 8th Floor San Francisco, California 94111-3834

Tel: 650-326-2400 Fax: 650-326-2422

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PTO/SB/08A (10-01)

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Substitute for form 1449B/PTO		Complete if Known)2	3
INFORMATION DISCLOSURE	Application Number	09/580,015	3	÷.;
	Filing Date	May 25, 2000		
STATEMENT BY APPLICANT	First Named Inventor	Schenk, Dale B.	S	7
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(use as many sheets as necessary)	Examiner Name	Sharon Turner		3
Sheet 1 of 3	Attorney Docket Number	15270J-004750US	••	

			U.S. PATENT D	OCUMENTS	
	Document Number				
Examiner	Cite No. ¹	Number Kind Code ² (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
	305	09/724,842	11-28-2000	Chalifour et al.	RECEIVE
	326	2002/0136718 A1	09-26-2002	Raso	TILOLIVL
	325	2001/0102261 A1	08-01-2002	Raso	OCT 1 8 200
	306	6,417,178 B1	07-09-2002	Klunk et al.	361 1 0 200
	321	5,837,672	11-17-1998	Schenk et al.	TECH OFNITED 4000
	320	5,593,846	01-14-1997	Schenk et al.	TECH CENTER 1600

FOREIGN PATENT DOCUMENTS										
Examiner	Cite	For	eign Patent Doc	ıment	Publication	Name of Patentee or	Pages, Columns, Lines,			
Initials*	No.1	Country Code ³	Number ⁴	Kind Code ^s (if known)	Date MM-DD- YYYY	Applicant of Cited Document	Where Relevant Passages or Relevant Figures Appear	_T 8		
	322	PCT	00/72880	A2, A3	12-07-2000					
	323	PCT	00/72876	A2, A3	12-07-2000					
	324	PCT	00/72870	A1	12-07-2000					

Examiner Signature	Date Considered	

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		OTHER PRIOR ART NON PATENT LITERATURE DOCUMENTS	
Examiner Initials *	Cite No.1	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T
	307	CHEN, et al. A learning deficit related to age and beta-amyloid plaques in a mouse model of Alzheimer's disease. Nature. 408(6815):975-9 (2000).	
	318	DU, et al. Reduced levels of amyloid beta-peptide antibody in Alzheimer disease. Neurology. 57(5):801-5 (2001).	
	308	JANUS, et al. A beta peptide immunization reduces behavioural impairment and plaques in a model of Alzheimer's disease. Nature. 408(6815):979-82 (2000).	
	309	MATTSON, MP. Cellular actions of beta-amyloid precursor protein and its soluble and fibrillogenic derivatives. Physiol Rev. 77(4):1081-132 (1997).	
	310	MERLUZZI, et al. Humanized antibodies as potential drugs for therapeutic use. Adv Clin Path. 4(2):77-85 (2000).	
	311	MORGAN, et al. A beta peptide vaccination prevents memory loss in an animal model of Alzheimer's disease. Nature. 408(6815):982-5 (2000).	
	304	RASO, V.A., Grant application # 1 R43 AGI 5746-01 (non-redacted version), "Immunotherapy of Alzheimer's Disease" (publication date unknown).	
•	312	SCHENK, et al. Immunotherapy with beta-amyloid for Alzheimer's disease: a new frontier. DNA Cell Biol. 20(11):679-81 (2001).	
	313	SELKOE, DJ. The cell biology of beta-amyloid precursor protein and presenilin in Alzheimer's disease. Trends Cell Biol. 8(11):447-53 (1998).	
	314	SIGURDSSON, et al. In vivo reversal of amyloid-beta lesions in rat brain. J Neuropathol Exp Neurol. 59(1):11-17 (2000).	
	315	SINHA, et al. Recent advances in the understanding of the processing of APP to beta amyloid peptide. Ann N Y Acad Sci. 920:206-8 (2000).	-

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				Art Unit	1647	0	00
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Sheet	3	of	3	Attorney Docket Number	15270J-004750US		\neg

 319	SMALL, et al. Alzheimer's disease and Abeta toxicity: from top to bottom. Nat Rev Neurosci. 2(8):595-8 (2001).	ار ار		
316	SOTO, et al. Beta sheet breaker peptides inhibit fibrillogenesis in a rat brain model of amyloidosis: implications for Alzheimer's therapy. Nat Med. 4(7):822-6 (1998).	Z C		
VEHMAS, et al. beta-Amyloid peptide vaccination results in marked changes in serum and brain Abeta levels in APPswe/PS1 DeltaE9 mice, as detected by SELDI-TOF-based ProteinChip® technology. DNA Cell Biol. (11):713 21 (2001).				

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